TF Card MP3 Player Board

Pins assignment:

```
  1
  2
  3
  4
  5
  6
  7
  8
  9
 10
 11
 12
 13   BUSY
 14
 15   RXD
 16   TXD
 17   HPR
 18   HPL
 19   GND
 20   VDD
```
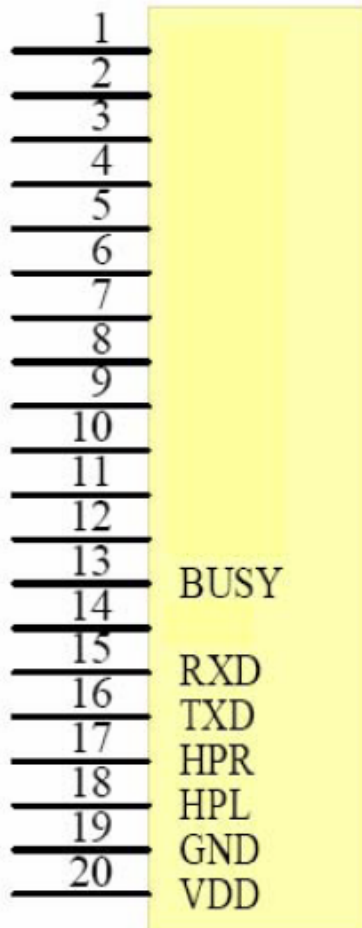
Pin	Function
13	Busy (Output LOW when busy)
15	RX (TTL)
16	TX (TTL)
17	Audio out R
18	Audio out L
19	GND
20	DC 12V

Control command set:

Command (hex)	Function
000	Random play
001-199	Play specified MP3 file (000-199)
E8	Volume +
E9	Volume -
EA	Play/Pause
EB	Hold
EC	Resume
EF	Stop

Specification:

Format:	MP3 only
File naming:	001.mp3, 002.mp3…199.mp3 (Total 199 songs)
Interface:	Rx, Tx @TTL level
Baud Rate:	4800,N,8,1
SD card:	32M or up
Power input:	DC 12V

MDFLY

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